

SIPA Building Excellence Application (Page 1 of 4)



PARTICIPANT INFORMATION

Company Name: Arvola Builders, Inc.

Contact Name: Chad Arvola

Address: 532 Walnut St.

City: Monticello

+ State: MN

+ Zip: 55362

+

Phone: 763-314-0708

Email: chad@arvolabuilders.com

Website: www.arvolabuilders.com

CATEGORY ENTRY (check one category)

☐ Single Family 'Small House' under 900 sq. ft.

☐ Single Family Homes over 3,000 sq. ft.

☒ Single Family Homes under 3,000 sq. ft.

☐ Multifamily

☐ Agricultural

☐ Commercial/Industrial/Institutional Buildings under 10,000 sq. ft.

☐ Commercial/Industrial/Institutional Buildings over 10,000 sq. ft.

☐ Renovations

☐ Affordable Housing

☐ High Performance (multiple category entry permitted)

PROJECT INFORMATION

Project Name: Loso/Wiber Shouse

Loso/Wiber

Address: 22349 County Rd 5 N.W.

City: Big Lake

State: MN

+ Zip: 55309

+

Date completed: 04/01/20

Total cost of project (exclusive of land): \$325,000

+

Dimensions of building (all floors of multi-story building):

30'X50' on House and 26'X48' on Shop/Garage

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space:

2748

BUILT BY (if different than applicant)

Company Name:

Contact Name:

Phone:

Address:

City:

State:

Zip:

PANELS MANUFACTURED BY (SIPA members only)

Company Name: Energy Panel Structures, Inc.

Continued

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DESIGNED BY (if different than applicant – SIPA will only recognize members)

Company Name: _____

Contact Name: _____

Phone: _____

Address: 532 Walnut St. _____

City: _____

State: _____

Zip: _____

Please answer each question with as much detail as possible to help in the judging process.

Attach additional sheets if necessary.

Describe the end use of the building:

1500 square feet of it is a house and 1248 square feet is a Shop/Garage /Shouse

How did SIP construction help you get this job?

The owners really wanted to build this with SIPS for efficiency and energy cost savings and found out we were a SIPS builder.

SIP wall thickness and core material: 6.5 inches- 7/16 OSB/5 5/8" polystyrene/ 7/16" OSB.

SIP roof thickness and core material: _____

Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy?

SIPS are very easy to work with, helped us keep the jobsite clean and organized. We has less waste and only used one 30 yard dumpster for the whole project.

Describe any innovative design elements or structural engineering involved:

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Please list any certifications the project received, such as ENERGY STAR, LEED, National Green Building Standard, WELL, Passive House, Green Globes or local green building programs. Only list certifications that are completed:

HERS Index *(required only for High Performance Category and recommended for residential projects):*

Blower door test results (ACH50) *(required only for High Performance Category and recommended for residential projects):*

2.52 ACH50

Energy use intensity in kBtu/ft² *(required only for High Performance Category and recommended for commercial projects):*

Describe the HVAC system used on the project:

Radiant in-floor heating with a gas boiler, Bryant 92.1% efficiency furnace, 13 Seer air conditioner, Renewaire EV90 ERV; interlocked with furnace

Describe any other energy-saving materials used in the building envelope other than SIPs. List U-values of windows used and the U or R-value of any insulation materials. *(judged only for High Performance Category)*

Please list any energy-efficient products or design features, such as lighting, hot water heating, appliances, passive solar *(judged only for High Performance Category):*

Were any solar panels installed on the project? If so, indicate the size of the system *(judged only for High Performance Category):*

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Please list any sustainable materials or design features not listed above, such as recycled materials, low-VOC finishes, landscaping, etc. (judged only for High Performance Category):

Any additional comments on the project:

This was a pretty simple design, but it turned out to be a pretty nice Shouse with really nice interior finishes.

CHECKLIST

- ☒ My company is a SIPA member. Panels for this project were manufactured by a SIPA member.
- ☒ I have answered ALL the questions completely
- ☒ I have enclosed the two required electronic images of the completed project meeting the requirements stated in the SIPA Building Excellence Awards guidelines

PLEASE CONFIRM: I have read and understand the rules for this competition. This entry is structural insulated panel construction as defined in the SIPA Building Excellence Awards guidelines. I understand by making this submission that my pictures will be used by the Structural Insulated Panel Association (SIPA) to promote the use of structural insulated panels. I hereby give permission to SIPA to use the enclosed pictures for any use they see fit in that endeavor. I understand that where possible, SIPA will give credit for pictures used to my company as listed above.

Signature: _____

A handwritten signature in black ink, appearing to be 'Lee Chen'.

Date: _____

12-9-20

Entries that do not contain all required materials or are received after January 23, 2021 will not be considered

Complete application and submit electronically to info@sips.org

Or send hard copy applications to SIPA office: P.O. Box 39848, Ft. Lauderdale, FL 33339



**Structural Insulated
Panel Association**